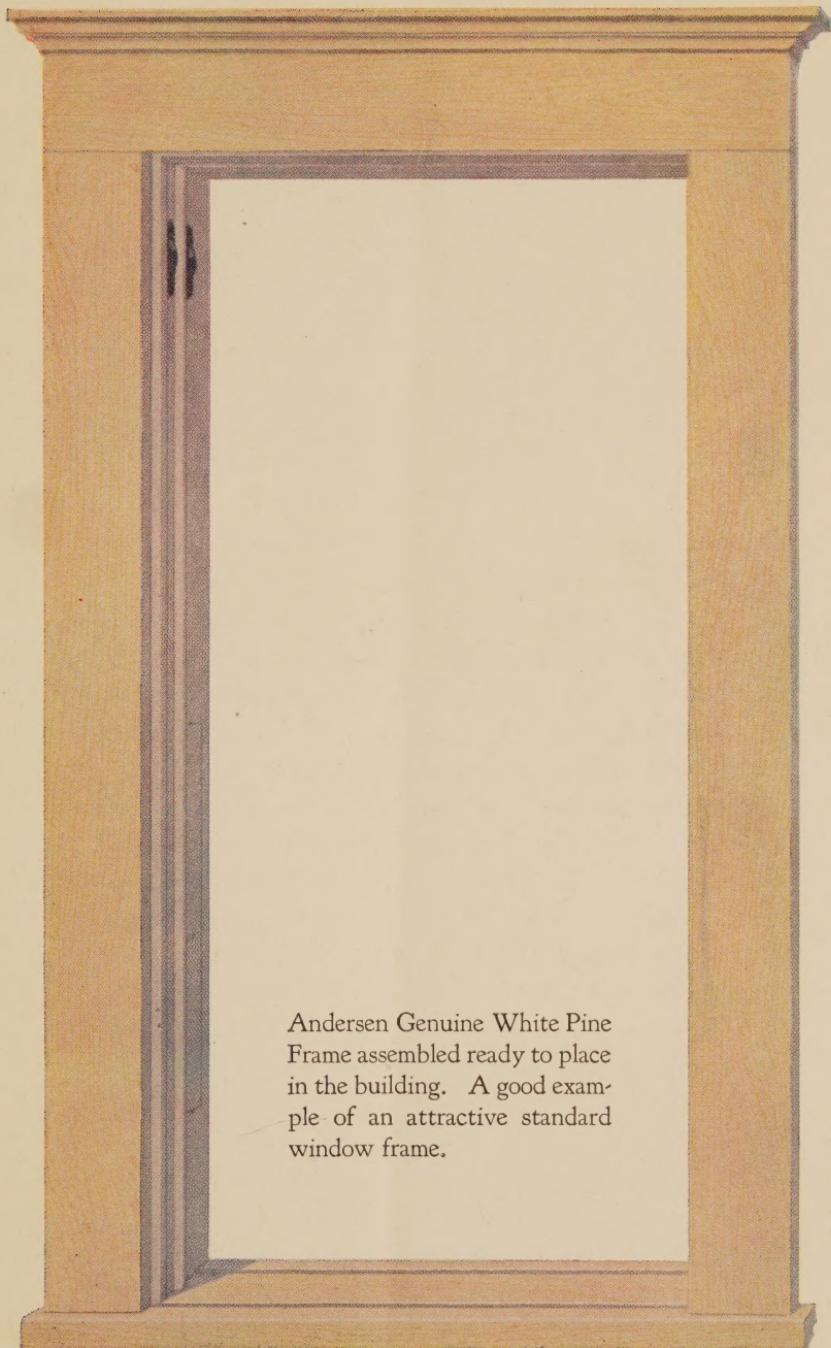


How to
test
Window
Frames



Andersen Genuine White Pine
Frame assembled ready to place
in the building. A good exam-
ple of an attractive standard
window frame.

The Important Part Window Frames Play

WHEN buying or building a home many people overlook the importance of window frames and regret it later.

The window frame is the outside enclosure of the window opening. Simply, it consists of a sill, two outside side casings, an outside head casing with water drip and cap moulding, two inside pulley stiles against which the sash slides and a head jamb or inside top that the upper sash meets.

Windows let the outside cheerfulness in—the air and sunshine. Homes without windows would be dungeons. If windows stick and can not be opened the fresh air is kept out. If the pulleys screech they become a constant annoyance.

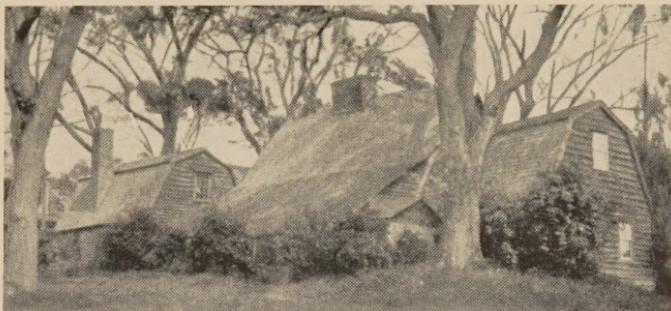
Window frames must do their part to keep out rains and winds in stormy weather. They must be constructed in a weather tight manner and the sash must fit snugly.

You never know when you will have frame trouble. When it comes, it seems like tearing the house down to repair window frames. It is serious enough, for instance, to wire for electricity after a home is built but wires can be fished through. To replace frame units means having gaping holes in place of windows. It is mighty expensive and very uncomfortable. That is when people realize the importance of window frames.

You can avoid frame trouble and enjoy real home comfort if your frames have the good points indicated in this booklet.

The old way to make frames was piece by piece by hand—slow and laborious. Today's best frames are made by concerns who make nothing else. Special machines do most of the work at the mill thus reducing building time and making your home cost less. Specialized quantity production creates a uniform product of the highest quality material and workmanship at a low price.

Frames Should be Made of Genuine White Pine



Built in 1636 at Dedham, Massachusetts, the Fairbanks Home is the nation's oldest standing home—a wonderful example of the permanence of White Pine.

FRAMES are built permanently into the home and to give complete service must endure, as they can not be easily and economically replaced if decay causes repairs. They are practically the only working parts of the home exposed to the weather and must be of durable material.

White Pine is the one wood you can rely on. It is superior for outside use because it endures for centuries without warping, shrinking, cracking or swelling. Old homes built of White Pine hundreds of years ago demonstrate these qualities.

Insist that all exposed parts—sill, outside side casings, head casings and blind stops—be of White Pine. And be certain it is *Genuine White Pine*. The real varieties are Eastern White Pine, Sugar Pine and Idaho White Pine. Other woods whose trade names include the words “White Pine” are really Yellow Pine which is a greatly different wood—ideal for some purposes but not for durability when exposed to the weather.

The first thing to remember is to have the exposed parts of your frames made of *Genuine White Pine*.

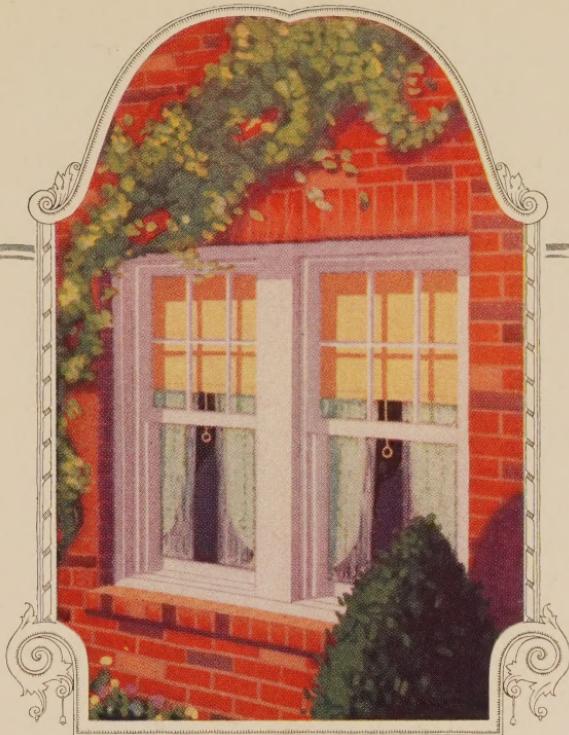


Frames should keep out the weather

YOU know the annoyance of having frames that allow summer rains and dust and winter winds and soot to leak in around them. Frames to give real satisfaction must be designed in a weather proof manner and so accurately milled that all joints are weather tight.

The best standard frames have special features such as double shoulders on the sill which keep out wind and rain. A groove under the sill will prevent water running back into the building. A rabbeted joint and a water groove in the head casing cap will prevent air and water leakage there.

These points seem small but they are big in real home comfort.



*Frames should be
adaptable to any design*

GOOD standard frames are simple in design but with pleasing proportions so that with a few types they fit readily into and accentuate the design of a home. From simple frame cottages to pretentious brick mansions they answer the purpose admirably.

They should have a style for every construction—frame, brick, stucco and their variations and so built as to be adaptable to special construction needs. They should be available in double, triple or quadruple form. And casement frames also should be obtainable.

Your builder will probably better appreciate these points but you should consider them when planning your home.

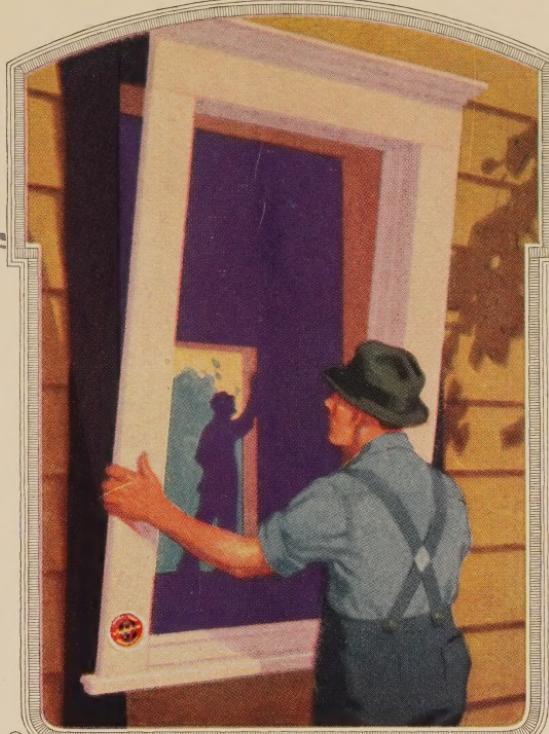


There should be a size for every need

FRAMES should come in sufficient sizes to fill any building need. If they are accurately made by frame specialists the heights of different sizes are interchangeable and so are the widths. Over 300 different shapes can be made from a few Andersen stock sizes.

Builders can express their individuality by adapting the available standard frame sizes to fit their design.

Dealers with only a small investment tied up in frame stock can afford to sell lower. The standardized sizes permits manufacturers to produce large quantities from machine operation and so reduce manufacturing costs. You receive these benefits of standardization when you build or buy.



Good frames are quickly put up

FRAMES made by experts are so accurately produced by special machines that no fitting or measuring is necessary when building.

Everything possible is done at the mill to save time on the job. Andersen Frames, for instance, come in only seven units instead of the 57 parts of the old hand made frames. These seven units can be completely erected in less than ten minutes by one man using only a hammer.

This means quite a saving of time on the whole house. Your building costs or purchase price will be lower if good standard frames are used.



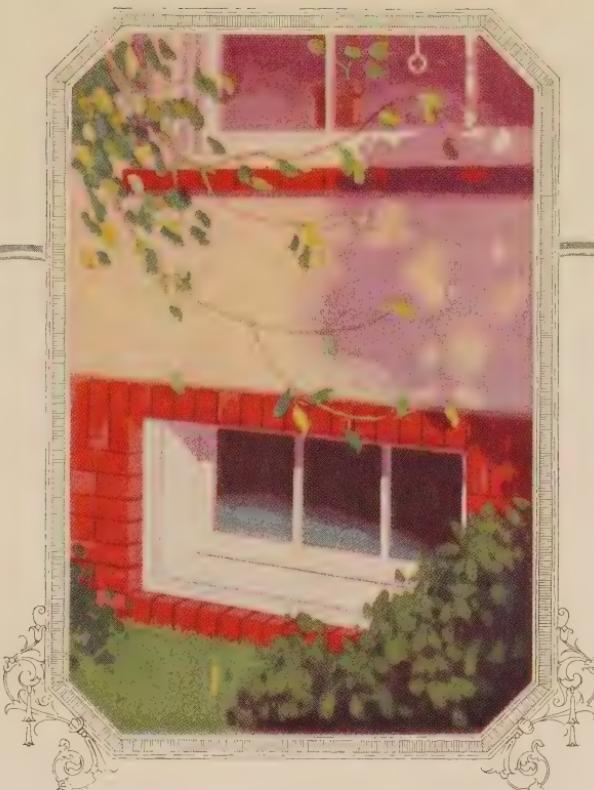
There should be no expensive delays

MINUTES count when construction is delayed and high priced labor is waiting for frames. Quality and economy go together in good standard frames.

Lumber dealers handling standard frames can make prompt delivery of desired sizes. As standard frame parts are interchangeable a varied demand can be supplied from a small stock.

Andersen Frames come in two bundles plainly marked for size so orders can be readily filled. Your dealer's trucks can carry more frames because of this compactness thus reducing time in delivery.

There is no waiting for carpenters to do the work by hand or for the mill to complete the special order. Frames are there when wanted.

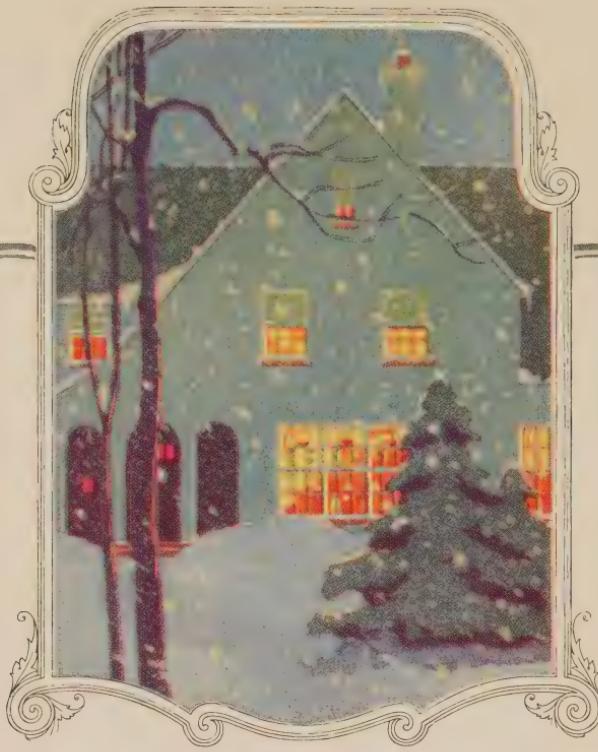


Cellar frames should be ready first

CELLAR frames are usually wanted in a hurry because they are the first millwork used in building. Builders can not wait for hand jobs or special mill jobs. That is where dealers handling standard frames relieve the situation. They can deliver the frames immediately.

Wooden cellar frames cost less than metal frames. The wooden frames do not rattle. Moist air from the laundry condenses very little on them and does not develop rust to discolor walls.

Cellar frames are exposed to hard knocks and the heaviest ravages of the weather. They must be of durable material. *Genuine White Pine* is the best.



Once and once only

FRAMES should be installed in a home once and once only. Until the house falls they should give comfort and protection without repairs or replacements.

Andersen Frames have every factor that make frames endure—accurate manufacture by special machines, thoroughly weather-tight construction, Genuine White Pine for exposed parts and Ponderosa Pine for unexposed parts receiving frictional wear.

If you build insist upon Andersen Frames. They will give you peace of mind and of pocketbook. If your architect, contractor or dealer recommends them you know he has your interests in mind.

If they are in the house you buy you know the builder thought of your comfort when he installed them.

Andersen Frames Embody Many Exclusive Features

MANY of the distinctive features of Andersen Frames are not found in any other frames. Some of them are being patented.

One of the most interesting exclusive features is the Andersen Noiseless Pulley (patent pending). It was added to the Andersen Frame without increasing the price after exhaustive laboratory tests.

One test was equal to 100 years of average home window use. A ball bearing pulley in the same test was off its bearings after ten years. You should have heard it squeak from then on. A plain steel axle pulley was wobbly and noisy. But the new Andersen Pulley ran through the century absolutely noiseless and without showing wear—in fact, it seemed ready for another 100.

You know how a squeaky window grates on your nerves and how a window that sticks disturbs your comfort. The Andersen Frame with this new pulley makes a window noiseless and easy running for the life of the home.

The important frame essentials to look for are all found in Andersen Frames.

1. Genuine White Pine is used for all of the exposed parts.

2. They do all a frame can to keep out rain and wind. It would require pages of technical details to adequately describe the many weather proof features. If you are really interested in them send for additional information. Here it can only be said that Andersen Frames have every feature preventing air and water leakage that good frames should have and other exclusive ones as well.

3. They add to the charm of any home, of any architectural design and can be used for any construction.

4. They are available in over 300 shapes and sizes.

5. They can be put up complete in ten minutes.

6. The dealer can furnish them promptly.

We wish you could go through the Andersen factory to see the efficient labor saving manufacture by special machines, to see the careful workmanship and construction, and to see the fine material used. Then you could understand our enthusiastic statements and why architects, contractors and dealers who know Andersen Frames regard them so highly.

Obtain an Architect's or Contractor's Advice

Ask your architect or contractor about window frames. If he is familiar with Andersen Frames we feel sure he will recommend their use. If he is not, have him send for the new Andersen catalog. He should have a copy as it contains detailed information and complete architectural drawings.

You can buy Andersen Frames nearly everywhere in the United States. Most good lumber dealers carry them and you can probably make a thorough examination of their merits at your local dealer. If you can't locate an Andersen dealer write us and we will send the address of the nearest one.

When building or buying a home be sure your outside window and door frames are Andersen—you will never regret their use.



If you see this trade mark upon the frame bundles you will know you have the best—It is the Andersen guarantee.

Andersen Lumber Company
Bayport, Minnesota

